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22 November 1967

MEMORANDUM TO: Chief, Records Administration Branch, SSS
 FROM : 25X1A9a [REDACTED] Records Management Officer
 SUBJECT : Consideration of Using Fullspace at Records Center

1. The following is in answer to your request that we evaluate the use of Fullspace motorized shelving for possible use in the Records Center. It is understood that considering the feasibility of using this compacting type of shelving is only one of the many alternatives to be weighed against the construction of an addition to the present Records Center building.

2. This evaluation is based on the installing of 88 motorized Fullspace units in the same areas now utilizing rows of 15" and 30" steel shelving. Description of the 88 Fullspace motorized units is as follows:

83 of the units would consist of 5 double face moveables, each 14' long x 30" deep x 124" high. In addition each of these 83 units would have two stationary rows 14' long x 15" deep x 124" in height.

The remaining units would consist of 5 double face moveables, each 10 $\frac{1}{2}$ ' long x 30" deep x 124" high. In addition each of the 5 units would have 2 stationary rows 10 $\frac{1}{2}$ ' long x 15' deep and 124" in height.

3. The 83, 14" long motorized units, consisting of 5 moveables and 2 stationaries, will accommodate 1,440 boxes. The 5, 10 $\frac{1}{2}$ " long motorized units consisting of 5 moveables and 2 stationaries, will hold 1,080 boxes.

4. The placement of ceiling and/or roof supports prohibit us from adding more moveables in any of the 88 units. This restricts us from obtaining the maximum benefit from this motorized system, in both floor space savings and motor capability.

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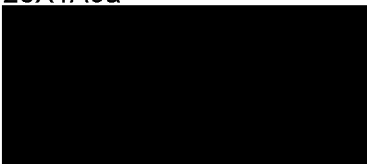
5. Each motor is capable of moving a maximum of 60,000 pounds. With the arrangement we are forced to work with, we would be moving a maximum of only 42,000 pounds. The cost of each motor including safety mechanisms has been estimated to be \$1,500. As the company has not yet marketed the motorized version this is only an estimated price. I feel that before marketing this product the company may be forced to include an additional safety control. If this is required, the cost of same would naturally be passed on to the consumer and the \$1,500 figure for each of the 88 units could be increased.

6. Based on 10 shelf openings for all 88 units, the use of Fullspace will, in accordance with our space layout, provide storage for 124,920 record center boxes. The present Federal Prison Industry type shelving accommodates 97,680 boxes. The capability of storing 27,240 additional boxes (through use of Fullspace) represents an increase of 28%.

7. The 88 units of motorized Fullspace will approximate \$772,000. In addition to this, we must consider the cost of service contracts for all the units. If any of the units become inoperative it would be impossible to move the 14' rows manually.

8. Because of the floor space restrictions (supports) and the excessively high cost of the equipment I do not feel that we should consider this as an alternative.

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